

First Named Component Leaching Index Values for CRP
Yentna Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
202	CHEDATNA	CHEDATNA SILT LOAM, 0 TO 2 PERCENT SLOPES		1
203	CHICHANTNA	CHICHANTNA PEAT, 0 TO 8 PERCENT SLOPES		1
204	CHUIT	CHUIT-NAKOCHNA-CHICHANTNA COMPLEX, 2 TO 7 PERCENT SLOPES		2
205	CHUIT	CHUIT-NAKOCHNA-RUBBLE LAND COMPLEX, 7 TO 45 PERCENT SLOPES		2
206	CHUIT	CHUIT AND NAKOCHNA SILT LOAMS, 3 TO 30 PERCENT SLOPES		2
207	CLUNIE	CLUNIE PEAT, 0 TO 2 PERCENT SLOPES		1
208	DOROSHIN	DOROSHIN PEAT, 0 TO 5 PERCENT SLOPES		1
211	HEWITT	HEWITT PEAT, 0 TO 2 PERCENT SLOPES		1
212	STARICHKOF	HISTIC PERGELIC CRYAQUEPTS-STARICHKOF COMPLEX, 0 TO 7 PERCENT SLOPES		1
214	KILLEY	KILLEY AND HILINE SILT LOAMS, 0 TO 2 PERCENT SLOPES		1
215	KLISKON	KLISKON SILT LOAM, 2 TO 12 PERCENT SLOPES		1
216	KROTO	KROTO-STRANDLINE-CRYORTHENTS COMPLEX, 30 TO 45 PERCENT SLOPES		3
217	LUCILE	LUCILE SILT LOAM, 0 TO 2 PERCENT SLOPES		1
218	NANCY	NANCY-KASHWITNA COMPLEX, 0 TO 2 PERCENT SLOPES		2
219	NANCY	NANCY-KASHWITNA COMPLEX, 2 TO 7 PERCENT SLOPES		2
220	NANCY	NANCY-KASHWITNA COMPLEX, 7 TO 12 PERCENT SLOPES		2
221	NANCY	NANCY-KASHWITNA COMPLEX, 12 TO 20 PERCENT SLOPES		2
222	NANCY	NANCY-KASHWITNA COMPLEX, 20 TO 30 PERCENT SLOPES		2
223	NANCY	NANCY-KASHWITNA COMPLEX, 30 TO 45 PERCENT SLOPES		2
224	NANCY	NANCY-KASHWITNA COMPLEX, COOL, 0 TO 7 PERCENT SLOPES		2
226	PUNTILLA	PUNTILLA SILT LOAM, 7 TO 20 PERCENT SLOPES		2
227	PUNTILLA	PUNTILLA SILT LOAM, 20 TO 30 PERCENT SLOPES		2
228	PUNTILLA	PUNTILLA SILT LOAM, 30 TO 45 PERCENT SLOPES		2
231	SALAMATOF	SALAMATOF PEAT, 0 TO 2 PERCENT SLOPES		1
232	SCHROCK	SCHROCK SILT LOAM, 0 TO 2 PERCENT SLOPES		3
234	STARICHKOF	SLIKOK-STARICHKOF-STRANDLINE COMPLEX, 0 TO 7 PERCENT SLOPES		1
235	SPENARD	SPENARD SILT LOAM, 0 TO 7 PERCENT SLOPES		1
236	STARICHKOF	STARICHKOF PEAT, 0 TO 7 PERCENT SLOPES		1
237	KROTO	STRANDLINE-KROTO COMPLEX, 20 TO 45 PERCENT SLOPES		3
238	STRANDLINE	STRANDLINE-KROTO-CHICHANTNA COMPLEX, 1 TO 20 PERCENT SLOPES		2
239	STRANDLINE	STRANDLINE-KROTO-SLIKOK COMPLEX, 1 TO 12 PERCENT SLOPES		2
240	STRANDLINE	STRANDLINE-SPENARD-KROTO COMPLEX, 2 TO 30 PERCENT SLOPES		2
241	SUNTRANA	SUNTRANA SILT LOAM, 2 TO 7 PERCENT SLOPES		1
242	SUSITNA	SUSITNA-NIKLASON SILT LOAMS, 0 TO 2 PERCENT SLOPES		2
243	SUSITNA	SUSITNA AND NIKLASON SILT LOAMS, 0 TO 2 PERCENT SLOPES		2
244	TYONEK	TYONEK PEAT, 0 TO 2 PERCENT SLOPES		1
245	WASILLA	WASILLA SILT LOAM, 0 TO 2 PERCENT SLOPES		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Yentna Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
202	CHEDATNA SILT LOAM, 0 TO 2 PERCENT SLOPES		1
203	CHICHANTNA PEAT, 0 TO 8 PERCENT SLOPES		1
204	CHUIT-NAKOCHNA-CHICHANTNA COMPLEX, 2 TO 7 PERCENT SLOPES		1
205	CHUIT-NAKOCHNA-RUBBLE LAND COMPLEX, 7 TO 45 PERCENT SLOPES		2
206	CHUIT AND NAKOCHNA SILT LOAMS, 3 TO 30 PERCENT SLOPES		2
207	CLUNIE PEAT, 0 TO 2 PERCENT SLOPES		1
208	DOROSHIN PEAT, 0 TO 5 PERCENT SLOPES		1
211	HEWITT PEAT, 0 TO 2 PERCENT SLOPES		1
212	HISTIC PERGELIC CRYAQUEPTS-STARICHKOF COMPLEX, 0 TO 7 PERCENT SLOPES		1
214	KILLEY AND HILINE SILT LOAMS, 0 TO 2 PERCENT SLOPES		1
215	KLISKON SILT LOAM, 2 TO 12 PERCENT SLOPES		1
216	KROTO-STRANDLINE-CRYORTHENTS COMPLEX, 30 TO 45 PERCENT SLOPES		3
217	LUCILE SILT LOAM, 0 TO 2 PERCENT SLOPES		1
218	NANCY-KASHWITNA COMPLEX, 0 TO 2 PERCENT SLOPES		2
219	NANCY-KASHWITNA COMPLEX, 2 TO 7 PERCENT SLOPES		2
220	NANCY-KASHWITNA COMPLEX, 7 TO 12 PERCENT SLOPES		2
221	NANCY-KASHWITNA COMPLEX, 12 TO 20 PERCENT SLOPES		2
222	NANCY-KASHWITNA COMPLEX, 20 TO 30 PERCENT SLOPES		2
223	NANCY-KASHWITNA COMPLEX, 30 TO 45 PERCENT SLOPES		2
224	NANCY-KASHWITNA COMPLEX, COOL, 0 TO 7 PERCENT SLOPES		2
226	PUNTILLA SILT LOAM, 7 TO 20 PERCENT SLOPES		2
227	PUNTILLA SILT LOAM, 20 TO 30 PERCENT SLOPES		2
228	PUNTILLA SILT LOAM, 30 TO 45 PERCENT SLOPES		2
231	SALAMATOF PEAT, 0 TO 2 PERCENT SLOPES		1
232	SCHROCK SILT LOAM, 0 TO 2 PERCENT SLOPES		3
234	SLIKOK-STARICHKOF-STRANDLINE COMPLEX, 0 TO 7 PERCENT SLOPES		1
235	SPENARD SILT LOAM, 0 TO 7 PERCENT SLOPES		1
236	STARICHKOF PEAT, 0 TO 7 PERCENT SLOPES		1
237	STRANDLINE-KROTO COMPLEX, 20 TO 45 PERCENT SLOPES		3
238	STRANDLINE-KROTO-CHICHANTNA COMPLEX, 1 TO 20 PERCENT SLOPES		2
239	STRANDLINE-KROTO-SLIKOK COMPLEX, 1 TO 12 PERCENT SLOPES		2
240	STRANDLINE-SPENARD-KROTO COMPLEX, 2 TO 30 PERCENT SLOPES		2
241	SUNTRANA SILT LOAM, 2 TO 7 PERCENT SLOPES		1
242	SUSITNA-NIKLASON SILT LOAMS, 0 TO 2 PERCENT SLOPES		2
243	SUSITNA AND NIKLASON SILT LOAMS, 0 TO 2 PERCENT SLOPES		2
244	TYONEK PEAT, 0 TO 2 PERCENT SLOPES		1
245	WASILLA SILT LOAM, 0 TO 2 PERCENT SLOPES		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.